

**Article 17. Chemical, Physical, and Biological Treatment****§66265.400. Applicability.**

The regulations in this article apply to owners and operators of facilities which treat hazardous wastes by chemical, physical, or biological methods in other than tanks, surface impoundments, and land treatment facilities, except as section 66265.1 provides otherwise. Chemical, physical, and biological treatment of hazardous waste in tanks, surface impoundments, and land treatment facilities shall be conducted in accordance with articles 10, 11, and 13, respectively.

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.400.

**HISTORY**

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

**§66265.401. General Operating Requirements.**

- (a) Chemical, physical, or biological treatment of hazardous waste shall comply with section 66265.17(b).
- (b) Hazardous wastes or treatment reagents shall not be placed in the treatment process or equipment if they could cause the treatment process or equipment to rupture, leak, corrode, or otherwise fail before the end of its intended life.
- (c) Where hazardous waste is continuously fed into a treatment process or equipment, the process or equipment shall be equipped with a means to stop this inflow (e.g., a waste feed cut-off system or by-pass system to a standby containment device).

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.401.

**HISTORY**

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

**§66265.402. Waste Analysis and Trial Tests.**

- (a) In addition to the waste analysis required by section 66265.13, the owner or operator shall comply with subsection (b) of this section, whenever:
  - (1) a hazardous waste which is substantially different from waste previously treated in a treatment process or equipment at the facility is to be treated in that process or equipment, or
  - (2) a substantially different process than any previously used at the facility is to be used to chemically treat hazardous waste.
- (b) The owner or operator shall, before treating the different waste or using the different process or equipment:
  - (1) conduct waste analyses and trial treatment tests (e.g., bench scale or pilot plant scale tests); or
  - (2) obtain written, documented information on similar treatment of similar waste under similar operating conditions to show that this proposed treatment will meet all applicable requirements of sections 66265.401(a) and (b).

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. References: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.402.

**HISTORY**

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

**§66265.403. Inspections.**

- (a) The owner or operator of a treatment facility shall inspect, where present:
  - (1) discharge control and safety equipment (e.g., waste feed cut-off systems, by-pass systems, drainage systems, and pressure relief systems) at least once each operating day, to ensure that it is in good working order;
  - (2) data gathered from monitoring equipment (e.g., pressure and temperature gauges), at least once each operating day, to ensure that the treatment process or equipment is being operated according to its design;
  - (3) the construction materials of the treatment process or equipment, at least weekly, to detect corrosion or leaking of fixtures or seams; and
  - (4) the construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes), at least weekly, to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.403.

**HISTORY**

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

**§66265.404. Closure.**

At closure, all hazardous waste and hazardous waste residues shall be removed from treatment processes or equipment, discharge control equipment, and discharge confinement structures. In addition, owners and operators

of incinerators shall comply with the requirements of section 66265.351. At closure, as throughout the operating period, unless the owner or operator can demonstrate, in accordance with section 66261.3(d) or (e) of this division, that any waste removed from the treatment process or equipment is not a hazardous waste, the owner or operator becomes a generator of hazardous waste and shall manage it in accordance with all applicable requirements of chapters 12, 13, and 15 of this division.

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.404.

#### HISTORY

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

#### **§66265.405. Special Requirements for Ignitable or Reactive Waste.**

Ignitable or reactive waste shall not be placed in a treatment process or equipment unless:

(a) the waste is treated, rendered, or mixed before or immediately after placement in the treatment process or equipment so that (1) the resulting waste, mixture, or dissolution of material no longer meets the definition of ignitable or reactive waste under section 66261.21 or 66261.23 of this division, and (2) section 66265.17(b) is complied with; or

(b) the waste is treated in such a way that it is protected from any material or conditions which may cause the waste to ignite or react.

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.405.

#### HISTORY

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).

#### **§66265.406. Special Requirements for Incompatible Wastes.**

(a) Incompatible wastes, or incompatible wastes and materials, (see Appendix V for examples) shall not be placed in the same treatment process or equipment, unless section 66265.17(b) is complied with.

(b) Hazardous waste shall not be placed in unwashed treatment equipment which previously held an incompatible waste or material, unless section 66265.17(b) is complied with.

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code. Reference: Sections 25159 and 25159.5, Health and Safety Code; 40 CFR Section 265.406.

#### HISTORY

1. New section filed 5-24-91; operative 7-1-91 (Register 91, No. 22).